



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

102103

OLIFF & BERRIDGE, PLC

P.O. Box 19928

Alexandria, Virginia 22320

Telephone: (703) 836-6400

Facsimile: (703) 836-2787

Attorney Docket No.: 117396

Date: October 21, 2003

MAIL STOP PATENT APPLICATION

Customer Number: 25944

NONPROVISIONAL APPLICATION TRANSMITTAL
RULE §1.53(b)

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing under 37 C.F.R. §1.53(b) is the nonprovisional patent application

For (Title): METHOD OF FORMING A DIFFUSION BARRIER ON A TITANIUM ALLOY
SUBSTRATE

By (Inventors): Mark H SHIPTON, Terence W MABER

17548 U.S. PTO
10/689100
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Formal drawings (Figs. ____; ____ sheets) are attached.
 Use Figure ____ for front page of Publication.

A Declaration and Power of Attorney is filed herewith.

This application claims benefit of Provisional Application No. ____ filed ____.
 (A Preliminary Amendment is attached to reflect this claim in the Specification if not already present.)

This patent application is assigned to ROLLS ROYCE PLC.
 The executed Assignment is filed herewith.

An Information Disclosure Statement is filed herewith.
 Entitlement to small entity status is hereby asserted.

A Preliminary Amendment is filed herewith.

Priority of foreign application No. 0225670.9 filed November 5, 2002 in Great Britain is claimed (35 U.S.C. §119).
 A certified copy of the above corresponding foreign application(s) is filed herewith.

This application is NOT to be published under 35 U.S.C. 112(b). The undersigned attorney or agent hereby certifies that the invention disclosed in this application has not been and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.

The filing fee is calculated below:

CLAIMS IN THE APPLICATION AFTER ENTRY OF
ANY PRELIMINARY AMENDMENT NOTED ABOVE

FOR:	NO. FILED	NO. EXTRA
BASIC FEE		
TOTAL CLAIMS	22 - 20	= 2*
INDEP CLAIMS	3 - 3	= 0*
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS PRESENTED		

* If the difference is less than zero, enter "0".

SMALL ENTITY

OR	RATE	FEES
OR		\$ 385
OR	x 9 =	\$
OR	x 43 =	\$
OR	+ 145 =	\$
OR	TOTAL	\$

OTHER THAN A
SMALL ENTITY

OR	RATE	FEES
OR		\$ 770
OR	x 18	\$ 36
OR	x 86	\$
OR	+ 290	\$
OR	TOTAL	\$ 806

Check No. 147430 in the amount of \$806.00 to cover the filing fee is attached. Except as otherwise noted herein, the Commissioner is hereby authorized to charge any other fees that may be required to complete this filing, or to credit any overpayment, to Deposit Account No. 15-0461. Two duplicate copies of this sheet are attached.

Respectfully submitted,

James A. Oliff
Registration No. 27,075Thomas J. Pardini
Registration No. 30,411